
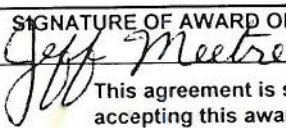


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FOR YOUR FILE

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	U.S. ENVIRONMENTAL PROTECTION AGENCY Grant Agreement		ASSISTANCE ID NO.			DATE OF AWARD 04/30/2003 6/12/03gm MAILING DATE 05/07/2003 6/12/03gm ACH# 40	
			PRG	DOC ID	AMEND#		
			RD -	83075801	- 0		
			TYPE OF ACTION New				
RECIPIENT TYPE: Private University		Send Payment Request to: Las Vegas Finance Center					
RECIPIENT:		PAYEE:					
Harvard School of Public Health Sponsored Programs Administration 677 Huntington Avenue Boston, MA 02115 EIN: 04-2103580		Director, Sponsored Programs Administration Harvard School of Public Health 677 Huntington Avenue Boston, MA 02115					
PROJECT MANAGER		EPA PROJECT OFFICER		EPA GRANT SPECIALIST			
Philippe Grandjean Harvard School of Public Health 665 Huntington Avenue Boston, MA 02115 E-Mail: pgrandje@hsph.harvard.edu Phone: 617-432-1260		Kathleen Deener 1200 Pennsylvania Avenue, N.W., (8723R) Washington, DC 20460 E-Mail: Deener.Kathleen@epa.gov Phone: 202-564-8289		Val Swan-Townsend 1200 Pennsylvania Avenue, N.W. (3903R) Washington, D.C. 20460 E-Mail: Swan-Townsend.Val@epa.gov Phone: 202-564-5373			
PROJECT TITLE AND DESCRIPTION FDP - Children's Vulnerability to Environmental Immunotoxicant Exposure To determine the immunotoxic risk in children exposed prenatally and postnatally to polychlorinated biphenyls (PCBs).							
BUDGET PERIOD 05/05/2003 - 05/04/2006		PROJECT PERIOD 05/05/2003 - 05/04/2006		TOTAL BUDGET PERIOD COST \$739,467.00		TOTAL PROJECT PERIOD COST \$739,467.00	
NOTE: The Agreement must be completed in duplicate and the Original returned to the appropriate Grants Management Office listed below, within 3 calendar weeks after receipt or within any extension of time as may be granted by EPA. Receipt of a written refusal or failure to return the properly executed document within the prescribed time, may result in the withdrawal of the offer by the Agency. Any change to the Agreement by the Recipient subsequent to the document being signed by the EPA Award Official, which the Award Official determines to materially alter the Agreement, shall void the Agreement.							
OFFER AND ACCEPTANCE							
The United States, acting by and through the U.S. Environmental Protection Agency (EPA), hereby offers Assistance/Amendment to the <u>Harvard School of Public Health</u> for <u>100.00</u> % of all approved costs incurred up to and not exceeding <u>\$739,467</u> for the support of approved budget period effort described in application (including all application modifications) cited in the Project Title and Description above, signed <u>12/19/2002</u> included herein by reference.							
ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)				AWARD APPROVAL OFFICE			
ORGANIZATION / ADDRESS				ORGANIZATION / ADDRESS			
Grants Administration Division 1200 Pennsylvania Ave, NW 3903R Washington, DC 20460				Office of Research and Development ORD 1200 Pennsylvania Ave, NW Washington, DC 20460			
THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY							
SIGNATURE OF AWARD OFFICIAL		TYPED NAME AND TITLE			DATE		
		for Mildred Lee, Chief, Grants Operations Branch-A			6/12/03 04/30/2003 gm		
This agreement is subject to applicable U.S. Environmental Protection Agency statutory provisions and assistance regulations. In accepting this award or amendment and any payments made pursuant thereto, (1) the undersigned represents that he is duly authorized to act on behalf of the recipient organization, and (2) the recipient agrees (a) that the award is subject to the applicable provisions of 40 CFR Chapter 1, Subchapter B and of the provisions of this agreement (and all attachments), and (b) that acceptance of any payments constitutes an agreement by the payee that the amounts, if any found by EPA to have been overpaid will be refunded or credited in full to EPA.							
BY AND ON BEHALF OF THE DESIGNATED RECIPIENT ORGANIZATION							
SIGNATURE		TYPED NAME AND TITLE			DATE		

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EPA Funding Information

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FUNDS	FORMER AWARD	THIS ACTION	AMENDED TOTAL
EPA Amount This Action	\$	\$ 739,467	\$ 739,467
EPA In-Kind Amount	\$	\$	\$ 0
Unexpended Prior Year Balance	\$	\$	\$ 0
Other Federal Funds	\$	\$	\$ 0
Recipient Contribution	\$	\$	\$ 0
State Contribution	\$	\$	\$ 0
Local Contribution	\$	\$	\$ 0
Other Contribution	\$	\$	\$ 0
Allowable Project Cost	\$ 0	\$ 739,467	\$ 739,467

Assistance Program (CFDA)	Statutory Authority	Regulatory Authority
66.509 - Science to Achieve Results (STAR) Program	FIFRA: Sec. 20 Toxic Substances Control Act: Sec. 10	N/A

Fiscal									
Site Name	DCN	FY	Approp. Code	Budget Organization	PRC	Object Class	Site/Project	Cost Organization	Obligation / Deobligation
-	TKC203	0203	C	26T40NN	30204F	4141	-	-	577,995
-	TKC203	0203	C	26T40NN	80201F	4141	-	-	161,472
									739,467

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Budget Summary Page

Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	\$43,811
2. Fringe Benefits	\$9,426
3. Travel	\$14,672
4. Equipment	\$0
5. Supplies	\$1,500
6. Contractual	\$493,647
7. Construction	\$0
8. Other	\$63,636
9. Total Direct Charges	\$626,692
10. Indirect Costs: 62.00% Base MTDC	\$112,775
11. Total (Share: Recipient 0.00 % Federal 100.00 %.)	\$739,467
12. Total Approved Assistance Amount	\$739,467
13. Program Income	\$0

Administrative Conditions

1. The recipient agrees to comply with the MBE/WBE terms and conditions outlined in Attachment A.
2. The Director, Grants Administration Division, has approved a deviation waiving the requirements of 40 CFR Parts 30 and 40 for this project. This project will be subject to the current Federal Demonstration Project General Terms and Conditions and the EPA Agency specific terms and conditions.
3. EPA participation in the salary rate (excluding overhead) paid to individual consultants is limited to the maximum daily rate for a Level IV of the Executive Schedule, which is currently \$513.60 per day and \$64.20 per hour.
4. The recipient agrees that work shall not begin on this project until the enclosed "Preaward Compliance Review Report", EPA Form 4700-4, has been completed and returned together with the signed acceptance of this assistance agreement.
5. The recipient agrees to provide EPA Form 5700-53, Lobbying and Litigation Certificate as mandated by EPA's annual appropriations act. A chief executive officer of any entity receiving funds under this Act shall certify that none of these funds have been used to engage in the lobbying of the Federal Government or in litigation against the United States unless authorized under existing law. The certification must be submitted in accordance with the instructions provided by the EPA award official and is due 90 days after the end of the project period.

Programmatic Conditions

1. The recipient also agrees to comply with the human subjects terms and conditions outlined in Attachment B.

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Attachment A

MBE/WBE TERM AND CONDITION

In accordance with EPA's Program for Utilization of Small, Minority and Women's Business Enterprises in procurement under assistance programs, the recipient agrees to:

a) Accept the applicable FY 1998 "fair share" goals negotiated with EPA by the State as follows:

	MBE	%	WBE	%
Construction	8.35	%	3.09	%
Supplies	2	%	1	%
Services	11	%	5	%
Equipment	5	%	2	%

OR

Combined Rate: _____ % _____ %

If the recipient does not want to rely on the applicable State's MBE/WBE goals, the recipient agrees to submit proposed MBE/WBE goals based on availability of qualified minority and women-owned businesses to do work in the relevant market for construction, services, supplies and equipment. "Fair share" objectives must be submitted to the MBE/WBE Coordinator, Lupe Saldana, U.S. Environmental Protection Agency, 401 M. Street, S.W., Mail Code 3903R, Room 51218, Washington, DC 20460, (202) 564-5351 within 30 days of award and approved by EPA no later than 30 days thereafter.

b) Ensure to the fullest extent possible that at least the applicable "fair share" objective [see a) above] of Federal funds for prime contracts or subcontracts for supplies, construction, equipment or services are made available to organizations owned or controlled by socially and economically disadvantaged individuals, women and historically black colleges and universities.

c) Include in its bid documents applicable "fair share" objectives [see a) above] and require all of its prime contractors to include in their bid documents for subcontracts the negotiated fair share percentages.

d) Adhere to the following six affirmative steps:

1) Ensure that small businesses, minority-owned firms, and women's business enterprises are used to the fullest extent practicable.

2) Make information on forthcoming opportunities available and arrange time frames for purchases and contracts to encourage and facilitate participation by small businesses, minority-owned firms, and women's business enterprises.

3) Consider in the contract process whether firms competing for larger contracts intend to subcontract with small businesses, minority-owned firms, and women's business enterprises.

4) Encourage contracting with consortiums of small businesses, minority-owned firms and women's business enterprises when a contract is too large for one of these firms to handle individually.

5) Use the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Department of Commerce's Minority Business Development Agency in the solicitation and utilization of small businesses, minority-owned firms and women's business enterprises.

6) If the prime contractor awards subcontracts, requiring the contractor to take steps in paragraphs (1) through (5) of this section.

e) For assistance awards for continuing environmental programs and assistance awards with institutions of higher education, hospitals and other non-profit organizations, submit an EPA Form 5700-52A, "MBE/WBE Utilization Report" under Federal Grants, Cooperative Agreements and Interagency Agreements" to the EPA Award Official by October 30 of each year. Other program reports must be submitted to the award official within 30 days of the end of the Federal fiscal quarter (January 30, April 30, July 30, and October 30).

f) In the event race and/or gender neutral efforts prove to be inadequate to achieve a fair share objective for MBE/WBEs, the recipient agrees to notify EPA in advance of any race and/or gender conscious action it plans to take to more closely achieve the fair share objective.

g) Until the recipient has completed its fair share negotiations with EPA, it agrees to apply the main state Agency's fair share objectives. Once the recipient has completed its fair share negotiations with EPA, it will apply those objectives. The recipient also agrees to include in its bid documents the applicable FY 1998 "fair share" objectives and require all of its prime contractors to include in their bid documents for subcontracts the applicable FY 1998 "fair share" percentages and to comply with paragraphs (c) through (e) above.

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ATTACHMENT B

ADDITIONAL PROGRAMMATIC TERMS AND CONDITIONS FOR GRANT RD830758

1. The recipient agrees to comply with Subpart D, 45 CFR Part 46, "Additional DHHS Protections for Children Involved as Subjects in Research."
2. Per 40 C.F.R. 26.118, no human subjects may be involved, including recruitment, in this project(s) until it has been reviewed and approved by EPA's Human Subjects Research Review Official (HSRRO). For such approval, the recipient must forward (1) proof of the institution's Human Subjects Institutional Review Board (IRB) approval and (2) copies of all other documentation forwarded to the IRB for its approval. The project officer will forward these to the HSSRO for review and approval. *No effort involving human subjects, including recruitment, may be initiated until EPA has approved the recipient's compliance with these requirements.* The recipient must provide, as part of the annual report(s), evidence of the subsequent review(s) by the IRB as required by 40 C.F.R. 26.109(e).